

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6304750".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 13:30
L2	1	455/137.ccls. and (joint\$2 near3 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 14:06
L3	0	455/12.ccls. and (joint\$2 near3 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 14:06
L4	0	"455".ccls. and (joint\$2 near3 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 14:06
L5	0	"455".ccls. and (beamform\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 14:06
S1	4	375/225.ccls. and (digital adj audio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/06 14:27
S2	0	S1 and pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/06 14:27
S3	0	S1 and (bit adj locat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/06 14:27
S4	0	colin-frank.in. and beamforming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:00
S5	1	frank-colin.in. and beamforming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:02
S6	44	motorola.as. and beamforming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:03
S7	28	(motorola.as. and beamforming) and (weight\$3 and (antenna adj diversity) and modulat\$3 and joint\$2 or simultaneous\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/04 11:20

S64	2	"6697619".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/05 17:22
S65	2	"6314147".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/05 17:24
S66	0	masahiro-ito.in. and spdif	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/06 11:28
S67	0	(ito-masahiro.in. and spdif) and @ad<"20000306"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/06 11:29
S68	3	ito-masahiro.in. and spdif	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/06 11:39
S69	3	(yamaha adj corporation.as.) and spdif	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/06 11:59
S70	0	375/225.ccls. and spdif	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/06 14:26
S71	0	colin-frank.in. and ((antenna adj2 beamforming) same (antenna adj2 (array or diversity)) and (joint\$2 adj2 optimiz\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:02
S72	0	frank-colin.in. and ((antenna adj2 beamforming) same (antenna adj2 (array or diversity)) and (joint\$2 adj2 optimiz\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:02
S73	0	motorola.as. and ((antenna adj2 beamforming) same (antenna adj2 (array or diversity)) and (joint\$2 adj2 optimiz\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:03
S74	0	motorola.as. and ((antenna adj2 beamforming) same ((antenna adj2 (array or diversity)) and (joint\$2 adj2 optimiz\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:03
S75	0	375/267.ccls. and ((antenna adj2 beamforming) same ((multiple or many or two) adj2 subscriber\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:04

S76	0	375/267.ccls. and ((antenna adj2 beamforming) and ((multiple or many or two) adj2 subscriber\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:05
S77	8	375/267.ccls. and (antenna adj2 beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:05
S78	0	S77 and ((multiple or many or two) adj2 subscriber\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:05
S79	3	S77 and ((multiple or many or two) adj2 (subscriber\$1 or user\$1 or mobile\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:05
S80	0	S79 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:45
S81	0	"6314147".pn. and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:11
S82	4	"6404821".pn. "5754139".pn. "6002364".pn. and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:14
S83	0	("6404821".pn. "5754139".pn. "6002364".pn.) and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:14
S84	0	375/267.ccls. and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:15
S85	0	455/429.ccls. and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:15
S86	1	(antenna adj2 beamforming) same ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:16
S87	1	(antenna adj2 beamforming) and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:17

S88	1	( beamforming) same ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:30
S89	12	375/346.ccls. and beamforming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:28
S90	5	S89 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:12
S91	0	S90 and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:31
S92	0	"455".ccls. and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:30
S93	0	"455".ccls. and ((joint adj2 optimization) and (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:30
S94	0	"253786".pn. and ((joint adj2 optimization) and (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:30
S95	11	((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:31
S96	1	S95 and ( beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:31
S97	0	"343".ccls. and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:31
S98	0	S90 and ((joint adj2 optimization) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:32
S99	1	beamforming with ((joint adj2 optimization) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:38

S10 0	1	(weighting adj2 coefficient\$1) with (joint adj2 optimization) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:12
S10 1	55	(weighting adj2 coefficient\$1) with optimization	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:12
S10 2	2	S101 and beamforming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:13
S10 3	1	S102 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:12
S10 4	124	(weight\$3 adj2 coefficient\$1) near (antenna\$1 or (antenna adj2 (diversity or array)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:44
S10 5	14	S104 and beamforming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:15
S10 6	5	S105 and optimization	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:15
S10 7	2	S106 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S10 8	1	S107 and joint\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:16
S10 9	51	(weight adj2 coefficient\$1) near (antenna\$1 or (antenna adj2 (diversity or array)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:44
S11 0	0	(weight adj2 coefficient\$1) near (antenna adj2 beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:44
S11 1	4	(weight adj2 coefficient\$1) and (antenna adj2 beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:44

S11 2	2	S111 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:45
S11 3	0	S112 and optimization	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:45
S11 4	0	S112 and optimiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:45
S11 5	0	S112 and ((multitple or many or two) adj2 (subscriber\$1 or user\$1 or mobile\$1 ))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S11 6	1	S112 and ((subscriber\$1 or user\$1 or mobile\$1 ))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:50
S11 7	0	S112 and multipath	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:50
S11 8	18	S104 and ((multitple or many or two) adj2 (subscriber\$1 or user\$1 or mobile\$1 ))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S11 9	0	S118 and (antenna adj2 beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S12 0	3	S118 and (beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S12 1	2	S120 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S12 2	79	antenna adj2 weight\$3 adj2 coefficient\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:28
S12 3	8	S122 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:25

S12 4	2	S123 and joint\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:27
S12 5	2	S124 and optimization	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:26
S12 6	0	S125 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:26
S12 7	2	S123 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:26
S12 8	0	S127 and joint\$3 near optimiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:27
S12 9	0	S127 and (joint\$3 near optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:28
S13 0	0	S122 and (joint\$3 near optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:28
S13 1	0	(joint\$3 adj2 optimiz\$5) near (antenna adj2 weight\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:28
S13 2	3	optimiz\$5 near (antenna adj2 coefficient\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:20
S13 3	1	S132 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:21
S13 4	940	antenna adj2 weight\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:42
S13 5	2	S134 and (joint\$2 adj2 optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:43

S13 6	0	S135 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:28
S13 7	0	"6351499".pn. and weight\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:22
S13 8	4	S134 and ((combin\$5 or dual or mutual or common) adj2 optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:29
S13 9	2	S138 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:28
S14 0	0	S134 and ((dual or mutual or common) adj2 optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:29
S14 1	1115	antenna adj2 (weight\$1 coefficient\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:43
S14 2	159	S141 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:43
S14 3	2	S142 and (joint\$2 adj2 optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:43
S14 4	0	S143 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:45
S14 5	1	"6351499".pn. and modulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:48
S14 6	2	"6314147".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:02
S14 7	2	"6697619".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 14:34



S14 8	0	"6697619".pn. and rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 14:35
S14 9	4	375/267.ccls. and beamform\$3 and rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 14:51
S15 0	2	S149 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:09
S15 1	1	375/267.ccls. and beamform\$3 and rake and joint\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:15
S15 2	0	"6314147".pn. and beam	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:08
S15 3	1181	((subscriber or mobile) with rake)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:09
S15 4	30	S153 and (beamform\$3 or beam\$1) and joint\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:09
S15 5	15	S154 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:38
S15 6	0	375/267.ccls. and beamform\$3 and ((rake adj2 receiver\$1) near ( user\$1 or ((subscriber or mobile) adj2 unit\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:16
S15 7	2	beamform\$3 and ((rake adj2 receiver\$1) near ( user\$1 or ((subscriber or mobile) adj2 unit\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:16
S15 8	1	beamform\$3 and ((rake adj2 receiver\$1) near ( user\$1 or (( mobile) adj2 unit\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:27
S15 9	0	"6351499".pn. and match	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:27

S16 0	0	"6351499".pn. and match\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:36
S16 1	3	((mulitple or dual or plural\$3 or two) adj2 (subscriber\$1 or mobile\$1 or receiver\$1)) near ((mulitple or dual or plural\$3 or two) adj2 ((rake adj2 receiver\$1) or (match\$3 adj2 filter\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:39
S16 2	2	S161 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:38
S16 3	0	((mulitple or dual or plural\$3 or two) adj2 (user\$1 or subscriber\$1 or mobile\$1 )) near ((mulitple or dual or plural\$3 or two) adj2 ((rake adj2 receiver\$1) or (match\$3 adj2 filter\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:40
S16 4	0	each adj2 ((mulitple or dual or plural\$3 or two) adj2 (user\$1 or subscriber\$1 or mobile\$1 )) near ((rake adj2 receiver\$1) or (match\$3 adj2 filter\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:40
S16 5	503	decoder same rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:10
S16 6	1	(s adj2 t adj2 decoder) same rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:07
S16 7	1	(s adj2 t adj2 decod\$3) same rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:08
S16 8	1	(s adj2 t adj2 decod\$3) with rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:08
S16 9	9	S165 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:08
S17 0	3	S169 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:10

S17 1	142	beamform\$3 same ((rake adj2 receiver) or (match\$3 adj2 filter\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:59
S17 2	69	S171 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:58
S17 3	52	S172 and (transmit\$5 or transceiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:31
S17 4	117	beamform\$3 same (space adj2 time diversity adj2 transmit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:58
S17 5	27	S174 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:59
S17 6	4	S175 and (beamform\$3 same ((rake adj2 receiver) or (match\$3 adj2 filter\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:59
S17 7	33	375/267.ccls. and (adapt\$3 near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:04
S17 8	9	S177 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:03
S17 9	3	S178 and joint\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:11
S18 0	0	S178 and (joint\$3 near weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:11
S18 1	0	S178 and (joint\$3 near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:11
S18 2	0	375/385.ccls. and (joint\$3 near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:12

S18 3	6	375/267.ccls. and (joint\$3 near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:14
S18 4	4	beamform\$3 with (optimiz\$5 adj2 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:19
S18 5	1	S184 and (joint\$3 near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:19
S18 6	1	S184 and (joint\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:18
S18 7	8624	antenna\$1 with weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:19
S18 8	56	S187 and (joint\$3 near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:52
S18 9	10	S188 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:51
S19 0	7	beamform\$3 same (joint\$3 adj2 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:52
S19 1	2	S190 and (joint\$3 near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:03
S19 2	8	beamform\$3 same (joint\$3 near3 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:53
S19 3	3	S192 and (joint\$3 near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:53
S19 4	0	"455".ccls. and beamform\$3 same (joint\$3 near3 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:53

S19 5	0	"455".ccls. and (beamform\$3 same (joint\$3 near3 optimi\$6) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:54
S19 6	0	"370".ccls. and (beamform\$3 same (joint\$3 near3 optimi\$6) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:54
S19 7	1	"370/338".ccls. and (beamform\$3 same (joint\$3 near3 optimi\$6) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 11:54
S19 8	1	"455/69".ccls. and (beamform\$3 same (joint\$3 near3 optimi\$6) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:02
S19 9	3716	optimi\$5 near3 weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:02
S20 0	40	S199 and (joint\$3 near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:03
S20 1	5	S200 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:03
S20 2	3253	adaptive near3 antenna\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:18
S20 3	17	S202 and (joint\$3 near3 (maximal or optimi\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:18
S20 4	3	(adaptive adj2 antenna\$1) same (joint\$2 adj2 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:49
S20 5	0	S204 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:49
S20 6	0	beamform\$3 and (adaptive adj2 antenna\$1) same (joint\$2 adj2 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:49

S20 7	0	beamform\$3 and ((adaptive adj2 antenna\$1) same (joint\$2 adj2 optimi\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:49
S20 8	184	beamform\$3 same (adaptive adj2 antenna\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 13:07
S20 9	1	S208 and (joint\$2 adj2 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:50
S21 0	0	S208 and ((joint\$2 adj2 optimi\$6) near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:50
S21 1	2	beamform\$3 and ((joint\$2 adj2 optimi\$6) near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 13:01
S21 2	0	"343".ccls. and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 12:51
S21 3	2	(adaptive adj2 weight\$3) and ((joint\$2 adj2 optimi\$6) near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 13:06
S21 4	3	beam\$7 and ((joint\$2 adj2 optimi\$6) near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 13:07
S21 5	864	beam\$7 same (adaptive adj2 antenna\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 13:07
S21 6	0	S215 and ((joint\$2 adj2 optimi\$6) near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 13:13
S21 7	0	("5592490".pn. "5828658".pn. "5642353".pn. "5914946".pn.) and ((joint\$2 adj2 optimi\$6) near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 13:14
S21 8	0	("5592490".pn. "5828658".pn. "5642353".pn. "5914946".pn.) and (joint\$2 near3 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/21 13:14

S219	60	beamform\$3 with (adaptive adj2 filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 10:03
S220	43	S219 and weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 10:03
S221	0	S220 and (joint\$3 near3 (optimi\$7 or process\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 10:04
S222	2	S220 and (joint\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 10:04
S223	80	beamform\$3 and (joint\$3 near3 (optimi\$7 or process\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 10:05
S224	69	S223 and weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 14:37
S225	4	("6246732".pn. "5550868".pn. "6522706".pn.) and ((second adj2 threshold) or threshold\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 14:41
S226	0	("6246732".pn. "5550868".pn. "6522706".pn.) and ((second adj2 threshold) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 14:41
S227	0	("6246732".pn. "5550868".pn. "6522706".pn.) and ((second adj2 threshold) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 18:07
S228	0	joint\$2 near3 weight\$3 near3 (multi adj2 user\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 18:11
S229	9227	multi adj2 user	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 18:11
S230	0	S229 and beamform3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 18:11

S23 1	139	S229 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 18:11
S23 2	9	S231 and (joint\$3 with weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/22 18:11
S23 3	0	(simultaneous\$2 near3 beamform\$3) with weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 07:54
S23 4	0	(simultaneous\$2 near3 beamform\$3) and weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 07:54
S23 5	127	(simultaneous\$2 near3 beamform\$3) and weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 07:54
S23 6	3	(simultaneous\$2 near3 beamform\$3) with weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 07:54
S23 7	3	S236 and receiver\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 07:54
S23 8	103	S235 and receiver\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 07:55
S23 9	43	S238 and (subscriber\$1 or mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 08:00
S24 0	1	S239 and (joint\$2 near3 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 08:01
S24 1	1509	beamform\$3 same (receiver\$1 or subscriber\$1 or mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 08:03
S24 2	14	S241 and (joint\$2 near3 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 08:03



S24 3	14	S242 and weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 08:03
S24 4	434	beamform\$3 same ( subscriber\$1 or mobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 08:03
S24 5	8	S244 and (joint\$2 near3 optimi\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 14:05
S24 6	8	S245 and weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/25 08:03